

Title (en)
SYNCHRONIZING SLIDE SHOW EVENTS WITH AUDIO

Title (de)
SYNCHRONISIEREN VON DIAVORTRAGEREIGNISSEN MIT AUDIO

Title (fr)
SYNCHRONISATION D'ÉVÉNEMENTS DE DIAPORAMA AVEC DU SON

Publication
EP 2201478 A4 20110302 (EN)

Application
EP 08798641 A 20080825

Priority
• US 2008074233 W 20080825
• US 85743107 A 20070918

Abstract (en)
[origin: US2009077460A1] Technologies are described herein for synchronizing slide show events with audio. Data defining one or more animation events, slide transitions, or visual effects and an audio file to be played during the defined events is received. The audio file is processed to identify the audio events contained therein. Once the audio events in the audio file have been identified, the defined animation events are synchronized to the identified audio events using an audio synchronization scheme that includes data defining how the audio events are to be synchronized to the animation events. A user interface may be provided that allows a user to select an audio synchronization scheme to be applied to a presentation. A user interface may also be provided that allows a user to visually associate an animation event with any audio event identified within an audio file.

IPC 8 full level
G06F 17/00 (2006.01); **G06F 3/14** (2006.01); **G06F 17/21** (2006.01); **G06F 17/30** (2006.01); **G10L 19/00** (2013.01); **G10L 25/78** (2013.01); **G10L 25/84** (2013.01)

CPC (source: EP US)
G06F 16/433 (2018.12 - US); **G06F 16/435** (2018.12 - US); **G06F 16/4393** (2018.12 - EP US); **G06F 16/447** (2018.12 - EP US); **H04N 21/2368** (2013.01 - EP US); **H04N 21/43072** (2020.08 - EP US); **H04N 21/4341** (2013.01 - EP US); **H04N 21/44012** (2013.01 - EP US); **H04N 21/47205** (2013.01 - EP US); **H04N 21/482** (2013.01 - EP US); **H04N 21/4858** (2013.01 - EP US); **H04N 21/8106** (2013.01 - EP US)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2009038929A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009077460 A1 20090319; **US 8381086 B2 20130219**; AU 2008302614 A1 20090326; AU 2008302614 B2 20120726; BR PI0815915 A2 20150303; CN 101802816 A 20100811; CN 101802816 B 20121003; EP 2201478 A1 20100630; EP 2201478 A4 20110302; EP 2201478 B1 20201014; JP 2010539619 A 20101216; JP 5349482 B2 20131120; KR 101247000 B1 20130325; KR 20100056505 A 20100527; MX 2010002967 A 20100401; MY 155096 A 20150915; RU 2010110132 A 20110927; RU 2470353 C2 20121220; TW 200921447 A 20090516; TW I534648 B 20160521; WO 2009038929 A1 20090326

DOCDB simple family (application)
US 85743107 A 20070918; AU 2008302614 A 20080825; BR PI0815915 A 20080825; CN 200880107308 A 20080825; EP 08798641 A 20080825; JP 2010525874 A 20080825; KR 20107005544 A 20080825; MX 2010002967 A 20080825; MY PI20100715 A 20080825; RU 2010110132 A 20080825; TW 97135188 A 20080912; US 2008074233 W 20080825